

INTERNATIONAL SEARCH REPORT

ational Application No

.../GB2004/003104

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K9/50 A61K9/70 A61K33/14 A61K31/60 A61K31/155

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>GB 2 119 244 A (ALZA CORP) 16 November 1983 (1983-11-16) page 1, right-hand column, line 69 - page 2, left-hand column, line 62 claims 1-10</p> <p style="text-align: center;">----- -/--</p>	<p>26-31, 34-39</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

30 November 2004

Date of mailing of the international search report

06/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Schifferer, H

INTERNATIONAL SEARCH REPORT

International Application No

JP/GB2004/003104

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SAITO K ET AL: "EFFECT OF IONIC INTERACTION ON THE ENTRAPPING OF DRUG INTO POROUS MICROSPHERES AND DRUG RELEASE CHARACTERISTICS" CHEMICAL AND PHARMACEUTICAL BULLETIN, PHARMACEUTICAL SOCIETY OF JAPAN. TOKYO, JP, vol. 35, no. 5, May 1987 (1987-05), pages 2045-2051, XP001182583 ISSN: 0009-2363 abstract page 2045, line 14 - page 2045, line 19 page 2048, line 4 - page 2048, line 24	26-31, 34-39
X	WO 03/005995 A (AEROPHARM TECHNOLOGY INC) 23 January 2003 (2003-01-23) page 1, line 29 - page 10, line 27 claims 1-12	26-31, 34-39
X	US 4 970 081 A (FRISBEE STEVEN E) 13 November 1990 (1990-11-13) column 6, line 21 - column 10, line 68 claims 1-16	26-31, 34-39
X	US 2001/042932 A1 (CHICKERING DONALD ET AL) 22 November 2001 (2001-11-22) paragraph '0035! - paragraph '0047! paragraph '0082! - paragraph '0104!	8-11, 26-31, 34-39

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2004/003104

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-18

Compositions comprising sodium chloride coated with an agent that forms a liquid impermeable but gas permeable layer; patches thereof; use thereof for the manufacture of a medicament for treating certain diseases

2. claims: 19-25

A device consisting of a holder adapted for holding a medically efficacious compound, an energy source and actuator driven by the energy source

3. claims: 26-39

A preparation comprising a medically efficacious substance coated or otherwise enclosed by an agent that forms a liquid impermeable but gas permeable layer for use as a medicament

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/003104

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 2119244	A	16-11-1983	NONE
WO 03005995	A	23-01-2003	WO 03005995 A1 23-01-2003 CA 2453775 A1 23-01-2003 EP 1429747 A1 23-06-2004
US 4970081	A	13-11-1990	AR 244548 A1 30-11-1993 AT 127690 T 15-09-1995 AU 622254 B2 02-04-1992 AU 4719489 A 12-07-1990 CA 2006975 A1 03-07-1990 DE 69022251 D1 19-10-1995 DE 69022251 T2 02-05-1996 DK 377439 T3 30-10-1995 EP 0377439 A2 11-07-1990 ES 2076975 T3 16-11-1995 FI 900017 A ,B, 04-07-1990 GR 3017576 T3 31-12-1995 HK 35396 A 08-03-1996 IE 69270 B1 21-08-1996 IL 92854 A 28-11-1994 JP 2262520 A 25-10-1990 JP 2966871 B2 25-10-1999 KR 151590 B1 15-10-1998 MX 18883 A ,B 01-09-1993 NO 900009 A ,B, 04-07-1990 NZ 231954 A 23-12-1991 PH 26081 A 06-02-1992 PT 92780 A ,B 31-07-1990
US 2001042932	A1	22-11-2001	US 6235224 B1 22-05-2001 US 6143211 A 07-11-2000 US 2004070093 A1 15-04-2004 AU 718482 B2 13-04-2000 AU 6505096 A 18-02-1997 CA 2227284 A1 06-02-1997 DE 69633570 D1 11-11-2004 EP 0844871 A1 03-06-1998 JP 2001513071 T 28-08-2001 WO 9703657 A1 06-02-1997 AU 714584 B2 06-01-2000 AU 6762396 A 18-02-1997 CA 2227287 A1 06-02-1997 EP 0840623 A1 13-05-1998 JP 11510142 T 07-09-1999 WO 9703702 A1 06-02-1997 US 6677313 B1 13-01-2004